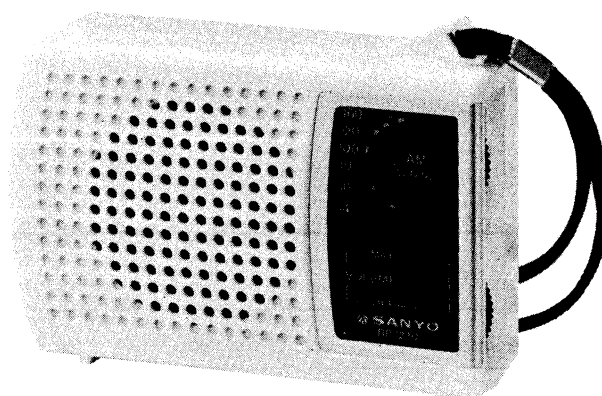


SERVICE MANUAL



PORTABLE RADIO

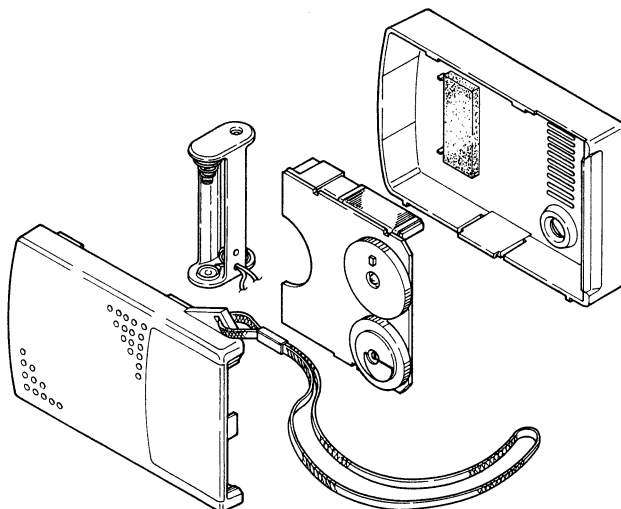
RP 1270



SPECIFICATIONS

Frequency Range:	MW 530 ~1605 kHz
Intermediate Frequency:	455 kHz
Audio Output:	Maximum 100 mW
Power Source:	DC 3V; Two Penlite ("AA" Size) Batteries
Transistors:	6
Diodes:	2
Speaker:	57 mm, Permanent Dynamic, 8 ohms
Dimensions:	71 mm(H) x 107mm(W) x 31mm(D)
Weight: (Approx)	160g (without Batteries)

DISASSEMBLY



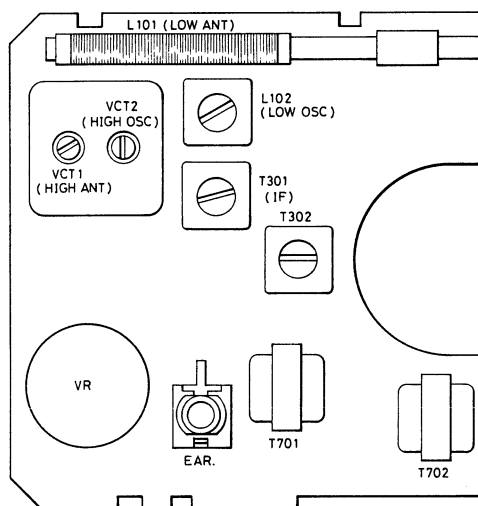
PARTS LIST

Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
PACKING				ELECTRICAL PARTS			
	141-6-141T-18200	Display Carton	1	Q101		Transistor 2SC930 CONV	1
	141-6-231T-15200	Inner Poly Cover	1	Q302		Transistor 2SC930	1
CABINET & CHASSIS				Q301		Transistor 2SC930	1
	141-0-111T-55900	Cabinet Ass'y	1	Q701		Transistor 2SC536 AUD	1
	141-0-126T-42600	Back Lid Ass'y	1	Q702,703		Transistor 2SD734	2
	141-2-163T-94000	Rotary Knob, Tuning	1	D301		Diode 2CK83A	1
	141-2-163T-94100	Rotary Knob, Volume	1	D701		Diode 2CP or 2CK	1
	141-0-331T-05200	Holder Battery Ass'y	1	CAPACITORS			
	124-2-369S-00200	Bracket Coil, Antenna	1	C306		Ceramic 0.0027μF ±10% 50V	1
FIXING PARTS				C703,704		Ceramic 0.01μF ±20% 50V	2
		Pan Hd. Screw, 2.6 x 4mm, VC, Tuner Knob	3	C302		Ceramic 0.0022μF ±20% 50V	1
		Pan Hd. 1 Special Screw 1.6 x 4mm, VR Knob	1	C101		Ceramic 0.0033μF ±20% 50V	1
ELECTRICAL PARTS				C102		Ceramic 0.0068μF ±10% 50V	1
L101	141-4-250T-81900	P.C.B. Ass'y	1	C702		Ceramic 0.01μF +80-20% 50V	1
L102	4-151T-46190	Speaker	1	C303,304, 305		Ceramic 0.022μF +80-20% 50V	3
T301	4-152T-05590	Earphone	1	C701		Electrolytic 1μF 50V	1
T302	4-257T-56101	Antenna Coil Ass'y	1	C301		Electrolytic 4.7μF 25V	1
T701	4-258T-44390	O. S. C Coil	1	C705		Electrolytic 100μF 10V	1
T702	4-256T-31290	I. F. T	1	RESISTORS			
VC1,2	4-256T-31390	I. F. T	1	All Resistors are Carbon V-type ±10% ¼W, unless otherwise noted.			
VCT1,2	4-254T-15590	I. P. T	1	R704		1 ohm	1
VR701	4-254T-15690	O. P. T	1	R702		100 ohm	1
	4-224T-24390	Variable Capacitor	1	R103		100 ohm	1
	4-220T-10990	Variable Resistor	1	R104		220 ohm	1
	4-240T-51190	Socket, Earphone	1	R303		270 ohm	1
	141-2-430T-02590	Eyelet	2	R305		470 ohm	1
				R302		1.2K ohm	1
				R703		820 ohm	1
				R102		2.2K ohm	1
				R306		6.8K ohm	1
				R304		10K ohm	1
				R301		12K ohm	1
				R701		120K ohm	1
				R101		220K ohm	1
				R705		560K ohm	1

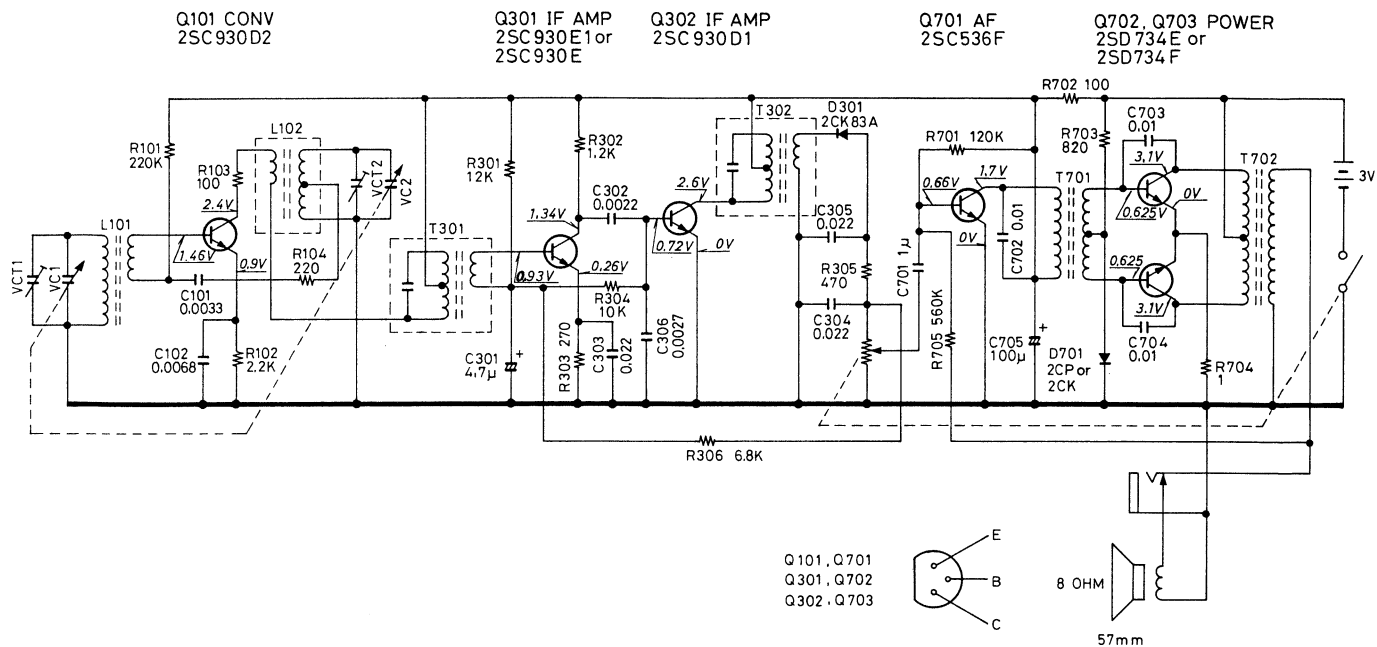
ALIGNMENT PROCEDURES

PROCEDURE	SIGNAL INPUT	FREQUENCY OF SIGNAL GEN.	DIAL SETTING OF RADIO	ADJUSTMENT
IF STAGE	IRE LOOP	455kHz	Lowest end	IFT's T301 & T302
BAND COVERAGE	IRE LOOP	505kHz	Lowest end	Osc.Coil L102
		1650kHz	Highest end	Osc. Trimmer VCT2
TRACKING	IRE LOOP	600kHz	600kHz	Ant.Coil L101
		1400kHz	1400kHz	Ant. Trimmer VCT1

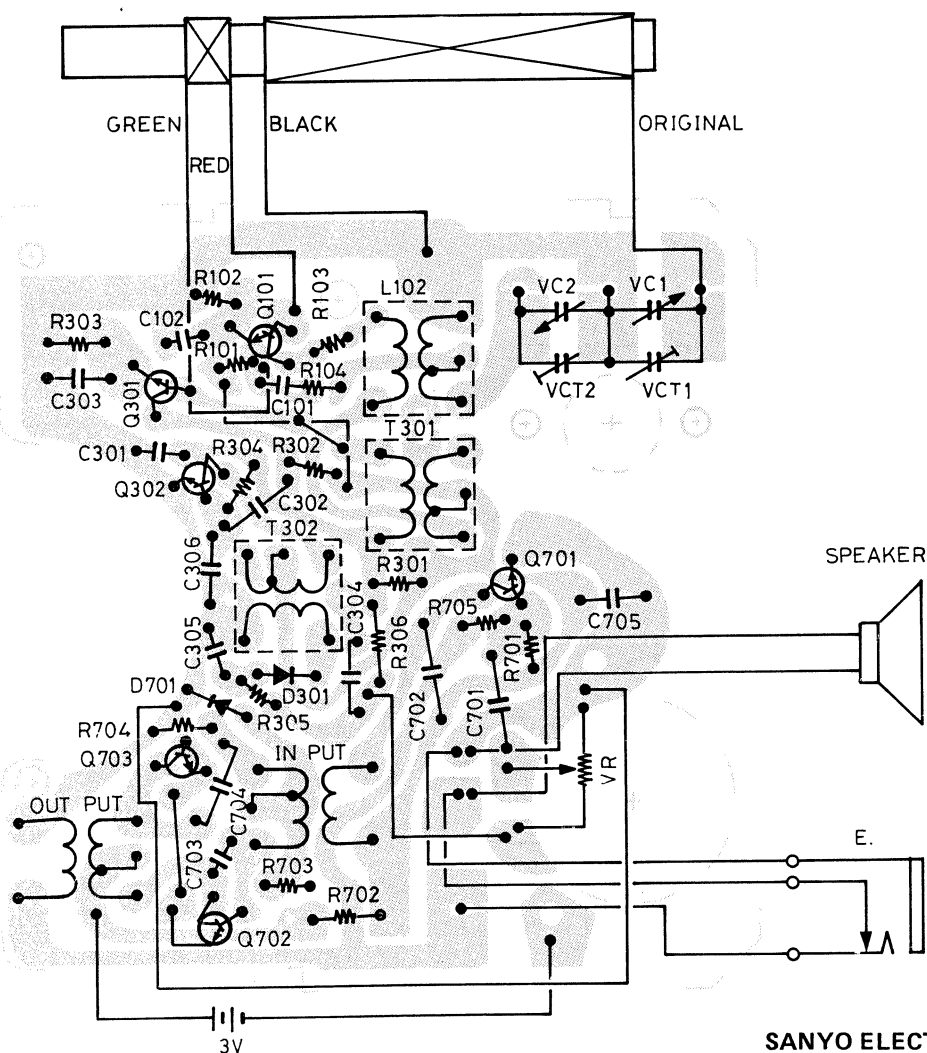
PARTS LOCATION



SCHEMATIC DIAGRAM



WIRING DIAGRAM



SANYO ELECTRIC TRADING CO., LTD.
33, Hiyoshi-cho 2-chome, Moriguchi-shi,
Osaka-fu, 570 Japan.